

Review: Air: Chapter 12

Section 12-1

- _____ Contamination of the atmosphere by the introduction of pollutants from human & natural sources
- _____ Makes up most of clean air
- _____ Produces most air pollution
- _____ A natural source of air pollution
- _____ Forms when car emissions react with oxygen & uv rays
- _____ Used to clean up industrial emissions before they are released into the atmosphere
- _____ Put directly in the air by human activities
- _____ Form when primary pollutants react with other primary pollutants or with naturally occurring substances
- _____ Primary or Secondary Pollutant: smog formed in the presence of sunlight
- _____ Primary or Secondary Pollutant: sulfur dioxide created when electrical power is generated
- _____ Primary or Secondary Pollutant: ozone
- _____ Primary or Secondary Pollutant: carbon monoxide
- _____ Primary pollutant produced from construction & agriculture
- _____ process where warm air above keeps cooler air at the surface from moving upward
- _____ device that helps clean car exhaust
- _____ gave the EPA the authority to regulate vehicle emissions

Section 12-2

- _____ a long-term effect of air pollution
- _____ a short-term effect of air pollution
- _____ Type of building likely to have poor indoor air quality
- _____ One way of decreasing light pollution from billboards
- _____ Similarity between radon & asbestos
- _____ Naturally occurring radioactive element that decays to produce radon
- _____ Can occur in tightly sealed buildings
- _____ Fibers that can cut & scar the lungs
- _____ Sources include plastics, carpets, cleaning fluids, radon & asbestos
- _____ Causes stress, high blood pressure, hearing loss
- _____ Solutions include shielding, time controls, & low-pressure sodium sources

Section 12-3

- _____ A measure of how acidic or basic a substance is
- _____ Precipitation that contains a high concentration of acids
- _____ pH of acid precipitation
- _____ toxic substance that leaches out of soil when lake becomes too acidic
- _____ where most of the pollution that causes acid rain to fall in SE Canada is released from
- _____ where acid precipitation can be traced back to
- _____ can accumulate in the gills of fish & slowly suffocate them